(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 31 May 2007 (31.05.2007)

(10) International Publication Number WO 2007/061998 A3

- (51) International Patent Classification: A63F 13/00 (2006.01)
- (21) International Application Number:

PCT/US2006/044991

(22) International Filing Date:

21 November 2006 (21.11.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/738,747

22 November 2005 (22.11.2005) US

- (71) Applicant (for all designated States except US): WMS GAMING INC. [US/US]; 800 South Northpoint Blvd., Waukegan, Illinois 60085 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BLACKBURN, Christopher W. [US/US]; 2965 Fairwood Drive, Reno, Nevada 89502 (US). BLOCK, Rory L. [US/US]; 1640 E. Guffey Drive, Carson City, Nevada 89704 (US). WARKENTIN, Terry D. [US/US]; 1784 Maison Way, Carson City, Nevada 89703 (US).
- (74) Agents: STEFFEY, Charles E. et al.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, Minnesota 55402 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

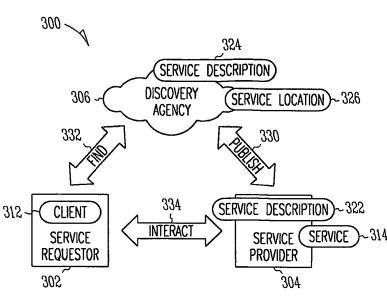
Published:

- with international search report

(88) Date of publication of the international search report: 26 July 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A SERVICE-ORIENTED GAMING NETWORK ENVIRONMENT



(57) Abstract: A gaming services framework includes web services extensions and comprises a set of services, protocols, XML schemas, and methods for providing gaming system functionality in a distributed, network based architecture. Systems and methods provide a service-oriented framework for gaming and property management based upon internetworking technology and web services concepts. One aspect of the systems and methods includes a loosely coupled architecture that consists of software components that semantically encapsulate discrete functionality (self contained and perform a single function or a related group of functions - the component describes its own inputs and outputs in a way that other software can determine what it does, how to

invoke its functionality, and what result to expect). These components may be distributed and programmatically accessible (called by and exchange data with other software) over standard internetworking protocols (TCP/IP, HITP, DNS, DHCP, etc.).

WO 2007/061998 A3 |||||||||||||

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/44991

A. CLASSIFICATION OF SUBJECT MATTER	
IPC: A63F 13/00(2006.01)	
USPC: 463/29 According to International Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS SEARCHED	
Minimum documentation searched (classification system followed by classification symbols) U.S.: 463/29, 25	
Documentation searched other than minimum documentation to the extent that such documents are included in	the fields searched
Electronic data base consulted during the international search (name of data base and, where practicable, search	terms used)
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category * Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X USPGPUB 20020132662 A1 (Sharp et al.) 19 September 2002 (19.9.2002), entire document	1-4, 6-13,15-20
Y	5,14
Y USPGPUB 2003/0065805 A1 (Barnes) 03 April 20023 (03.04.2003)entire document	5,14
Further documents are listed in the continuation of Box C. See patent family annex.	
Special categories of cited documents: "T" later document published after the internet	
Special categories of cited documents: "T" later document published after the interns date and not in conflict with the application of the art which is not considered to be of the art which is not con	on but cited to understand the
Special categories of cited documents: "T" later document published after the intermediate and not in conflict with the application of particular relevance "X" document defining the general state of the art which is not considered to be of particular relevance "X" document of particular relevance; the clair considered to be of particular relevance; the clair considered novel or cannot be considered when the document is taken alone	on but cited to understand the on imed invention cannot be
Special categories of cited documents: 'A" document defining the general state of the art which is not considered to be of particular relevance 'E" earlier application or patent published on or after the international filing date 'L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'T" later document published after the international filing date and not in conflict with the application principle or theory underlying the inventional filing date "X" document of particular relevance; the claimage of the considered when the document is taken alone document of particular relevance; the claimage of the considered formed for the considered of the considered of the considered to involve an inventive step with one or more other such documents.	on but cited to understand the on imed invention cannot be d to involve an inventive step imed invention cannot be then the document is combined.
Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance earlier application or patent published on or after the international filing date "A" document of particular relevance; the clair considered novel or cannot be considered when the document is taken alone "A" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "A" document of particular relevance; the clair considered novel or cannot be considered when the document is taken alone document of particular relevance; the clair considered novel or cannot be considered only or cannot be considered to establish the publication date of another citation or other special reason (as specified)	on but cited to understand the on imed invention cannot be d to involve an inventive step imed invention cannot be then the document is combined.
Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance E" earlier application or patent published on or after the international filing date "A" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "A" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "A" document of particular relevance; the claimon of the considered when the document is taken alone document of particular relevance; the claimon of particular relevance; the claimon of the publication date of another citation or other special reason (as specified) "A" document of particular relevance; the claimon of the considered novel or cannot be considered when the document is taken alone document of particular relevance; the claimon of the considered novel or cannot be considered when the document is taken alone document of particular relevance; the claimon of the publication of the priority of the particular relevance; the claimon of the priority of the particular relevance; the claimon of the particular relevance; the claimon of the publication of the publication of the particular relevance; the claimon of the publication of the particular relevance; the claimon of the publication of the publication of the particular relevance; the claimon of the priority of the particular relevance; the claimon of the particular relevance; the claimon of the particular relev	on but cited to understand the on imed invention cannot be d to involve an inventive step imed invention cannot be then the document is combined such combination being
Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance earlier application or patent published on or after the international filing date "A" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "A" document of particular relevance; the claimage of the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "O" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent fan	on but cited to understand the on imed invention cannot be to involve an inventive step imed invention cannot be when the document is combined such combination being
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "O" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search [A March 2007 (16.03.2007)	on but cited to understand the on imed invention cannot be to involve an inventive step imed invention cannot be when the document is combined such combination being
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 16 March 2007 (16.03.2007) Name and mailing address of the ISA/US "T" later document published after the international filing date of or "T" document of particular relevance; the clai considered to econsidered when the document is taken alone "Y" document of particular relevance; the clai considered novel or cannot be considered when the document is taken alone "Y" document of particular relevance; the clai considered novel or cannot be considered when the document is taken alone "Y" document of particular relevance; the clai considered novel or cannot be considered when the document is taken alone "Y" document of particular relevance; the clai considered novel or cannot be considered when the document is taken alone "Y" document of particular relevance; the clai considered novel or cannot be considered when the document of particular relevance; the clai considered to involve an inventive step with one or more other such documents, obvious to a person skilled in the art document member of the same patent fan the priority date claimed Date of mailing of the international search ANAY 2007 Authorization of the international search	on but cited to understand the on imed invention caused be it to involve an inventive step imed invention cannot be when the document is combined such combination being mily
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "O" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search MAY 2007	on but cited to understand the on imed invention cannot be it to involve an inventive step imed invention cannot be when the document is combined such combination being mily